

FIG. 1

5'-GATAGTGTGTGTCCCCAAGGAAAATATATCCACCCTCAAAATAATTGATTTGCTGTACC-
+-----+-----+-----+-----+-----+-----+-----+-----+
D S V C P Q G K Y I H P Q N N S I C C T -
-AAGTGCCACAAAGGAACCTACTTGTACAATGACTGTCCAGGCCCGGGCAGGATACGGAC-
+-----+-----+-----+-----+-----+-----+-----+-----+
K C H K G T Y L Y N D C P G P G Q D T D -
-TGCAGGGAGTGTGAGAGCGGCTCCTTCACCGCTTCAGAAAACACCTCAGACACTGCCTC-
+-----+-----+-----+-----+-----+-----+-----+-----+
C R E C E S G S F T A S E N H L R H C L -
-AGCTGCTCCAAATGCCGAAAGGAAATGGGTGAGGTGGAGATCTCTTCTTGCACAGTGGAC-
+-----+-----+-----+-----+-----+-----+-----+-----+
S C S K C R K E M G Q V E I S S C T V D -
-CGGGACACCGTGTGTGGCTGCAGGAAGAACCAGTACCGGCATTATTGGAGTGAAAACCTT-
+-----+-----+-----+-----+-----+-----+-----+-----+
R D T V C G C R K N Q Y R H Y W S E N L -
-TTCCAGTGCTTCAATTGCAGCCTCTGCCTCAATGGGACCGTGCACCTCTCCTGCCAGGAG-
+-----+-----+-----+-----+-----+-----+-----+-----+
F Q C F N C S L C L N G T V H L S C Q E -
-AAACAGAACACCGTGTGCACCTGCCATGCAGGTTTCTTTCTAAGAGAAAACGAGTGTGTC-
+-----+-----+-----+-----+-----+-----+-----+-----+
K Q N T V C T C H A G F F L R E N E C V -
-TCCTGTAGTAACTGTAAGAAAAGCCTGGAGTGCACGAAGTTGTGCCTACCCCAGATTGAG-
+-----+-----+-----+-----+-----+-----+-----+-----+
S C S N C K K S L E C T K L C L P Q I E -
-AAT-3'
+-----+
N *

FIG. 2

5'-TTGCCCCGCCAGGTGGCATTTCACACCCTACGCCCCGGAGCCCCGGGAGCACATGCCGGCTC-
+-----+-----+-----+-----+-----+
L P A Q V A F T P Y A P E P G S T C R L -
-AGAGAATACTATGACCAGACAGCTCAGATGTGCTGCAGCAAGTGCTCGCCGGGCGCAACAT-
+-----+-----+-----+-----+-----+
R E Y Y D Q T A Q M C C S K C S P G Q H -
-GCAAAAGTCTTCTGTACCAAGACCTCGGACACCGTGTGTGACTCCTGTGAGGACAGCACA-
+-----+-----+-----+-----+-----+
A K V F C T K T S D T V C D S C E D S T -
-TACACCCAGCTCTGGAAGTGGGTTCCCGAGTGCTTGAGCTGTGGCTCCCGCTGTAGCTCT-
+-----+-----+-----+-----+-----+
Y T Q L W N W V P E C L S C G S R C S S -
-GACCAGGTGGAACTCAAGCCTGCACTCGGGAACAGAACCGCATCTGCACCTGCAGGCCC-
+-----+-----+-----+-----+-----+
D Q V E T Q A C T R E Q N R I C T C R P -
-GGCTGGTACTGCGCGCTGAGCAAGCAGGAGGGGTGCCGGCTGTGCGCGCCGCTGCGCAAG-
+-----+-----+-----+-----+-----+
G W Y C A L S K Q E G C R L C A P L R K -
-TGCCGCCCCGGGCTTCGGCGTGGCCAGACCAGGAAGTGAACATCAGACGTGGTGTGCAAG-
+-----+-----+-----+-----+-----+
C R P G F G V A R P G T E T S D V V C K -
-CCCTGTGCCCCGGGGACGTTCTCCAACACGACTTCATCCACGGATATTTGCAGGCCCCAC-
+-----+-----+-----+-----+-----+
P C A P G T F S N T T S S T D I C R P H -
-CAGATCTGTAACGTGGTGGCCATCCCTGGGAATGCAAGCAGGGATGCAGTCTGCACGTCC-
+-----+-----+-----+-----+-----+
Q I C N V V A I P G N A S R D A V C T S -
-ACGTCCCCCACC CGGAGTATGGCCCCAGGGGAGTACACTTACCCAGCCAGTGTCCACA-
+-----+-----+-----+-----+-----+
T S P T R S M A P G A V H L P Q P V S T -
-CGATCCCAACACACGCAGCCAACTCCAGAACCCAGCACTGCTCCAAGCACCTCCTTCCTG-
+-----+-----+-----+-----+-----+
R S Q H T Q P T P E P S T A P S T S F L -
-CTCCCAATGGGCCCCAGCCCCCAGCTGAAGGGAGCACTGGCGAC-3'
+-----+-----+-----+-----+-----+
L P M G P S P P A E G S T G D *

FIG. 3

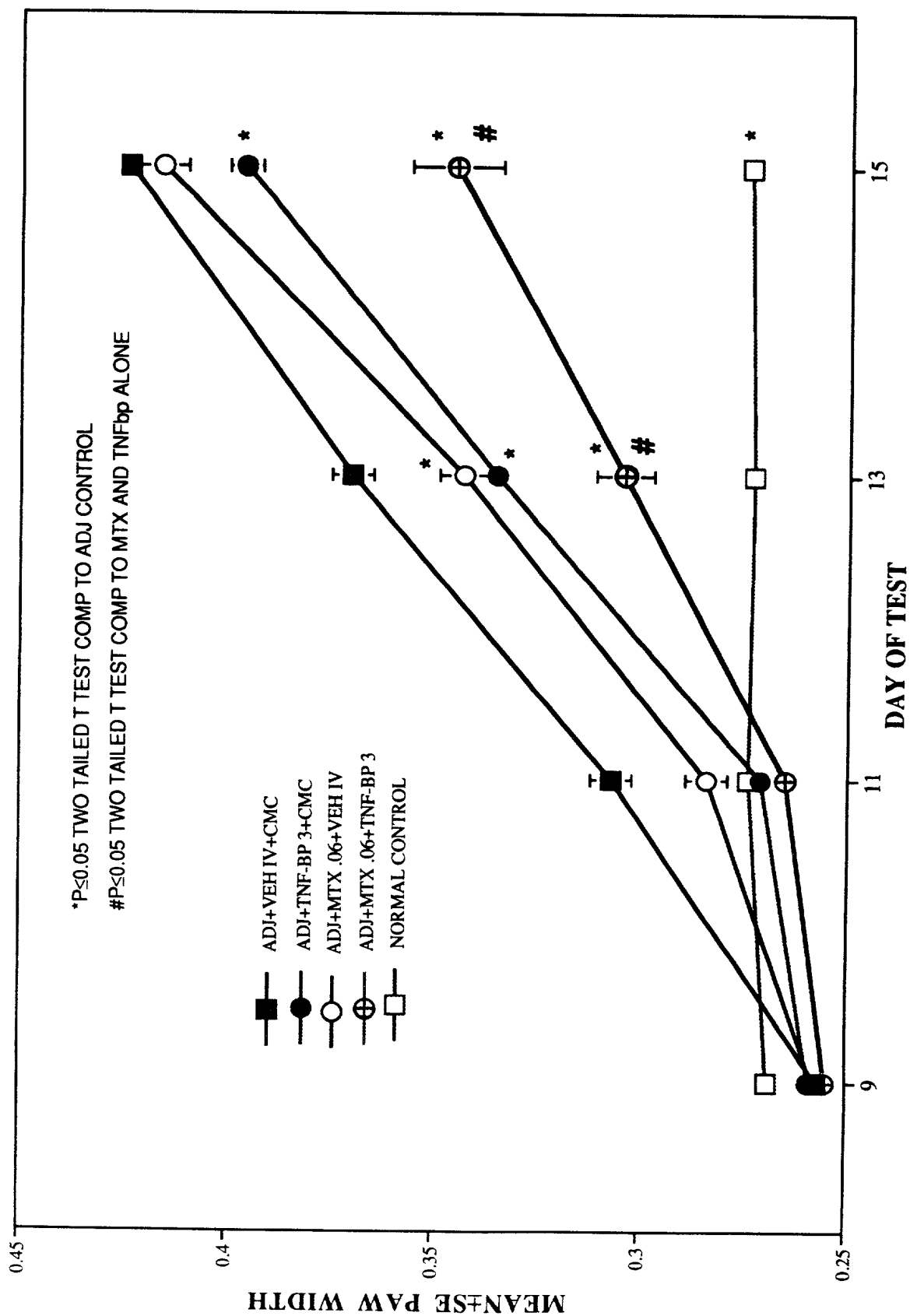


FIG. 4

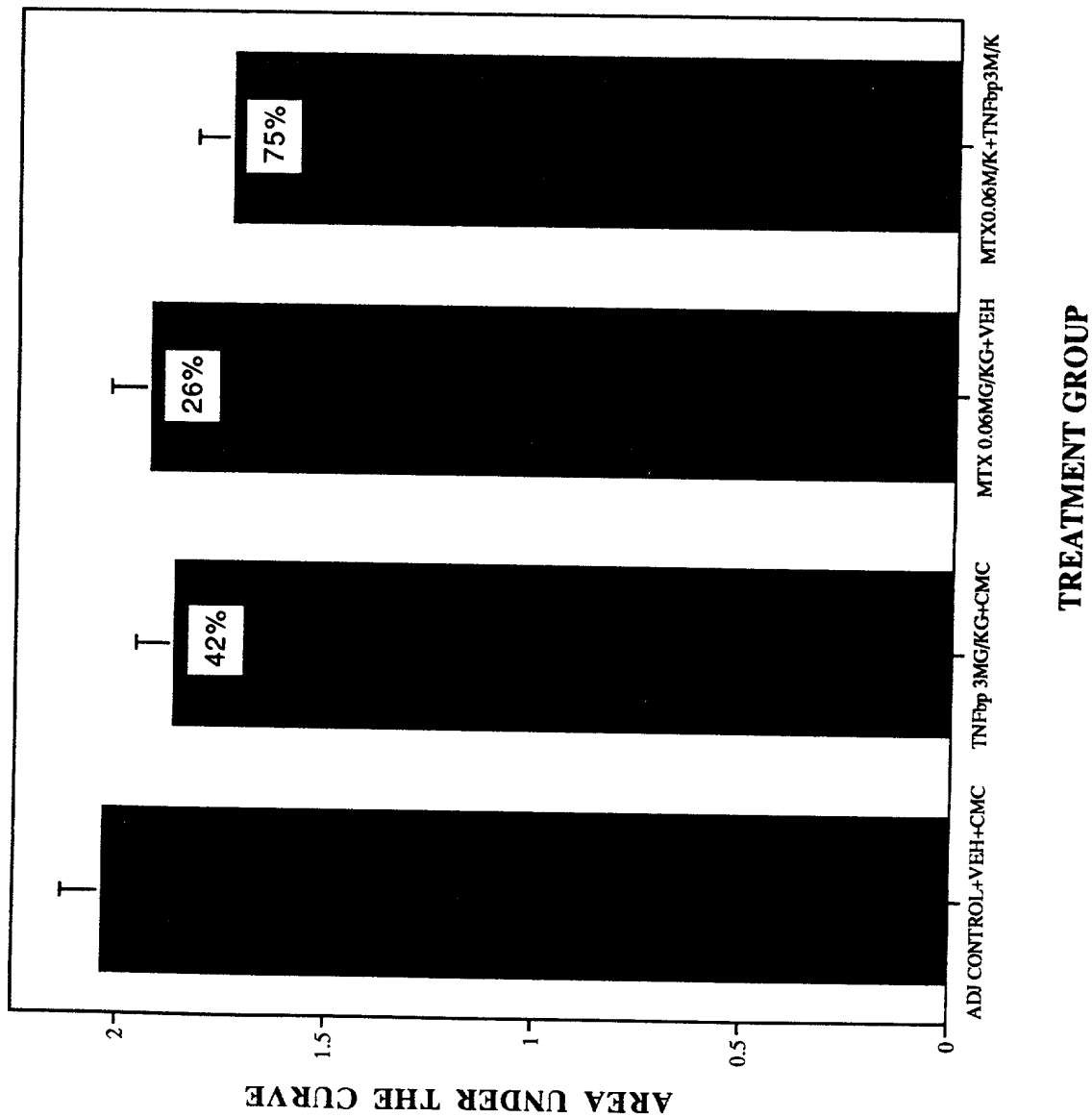


FIG. 5

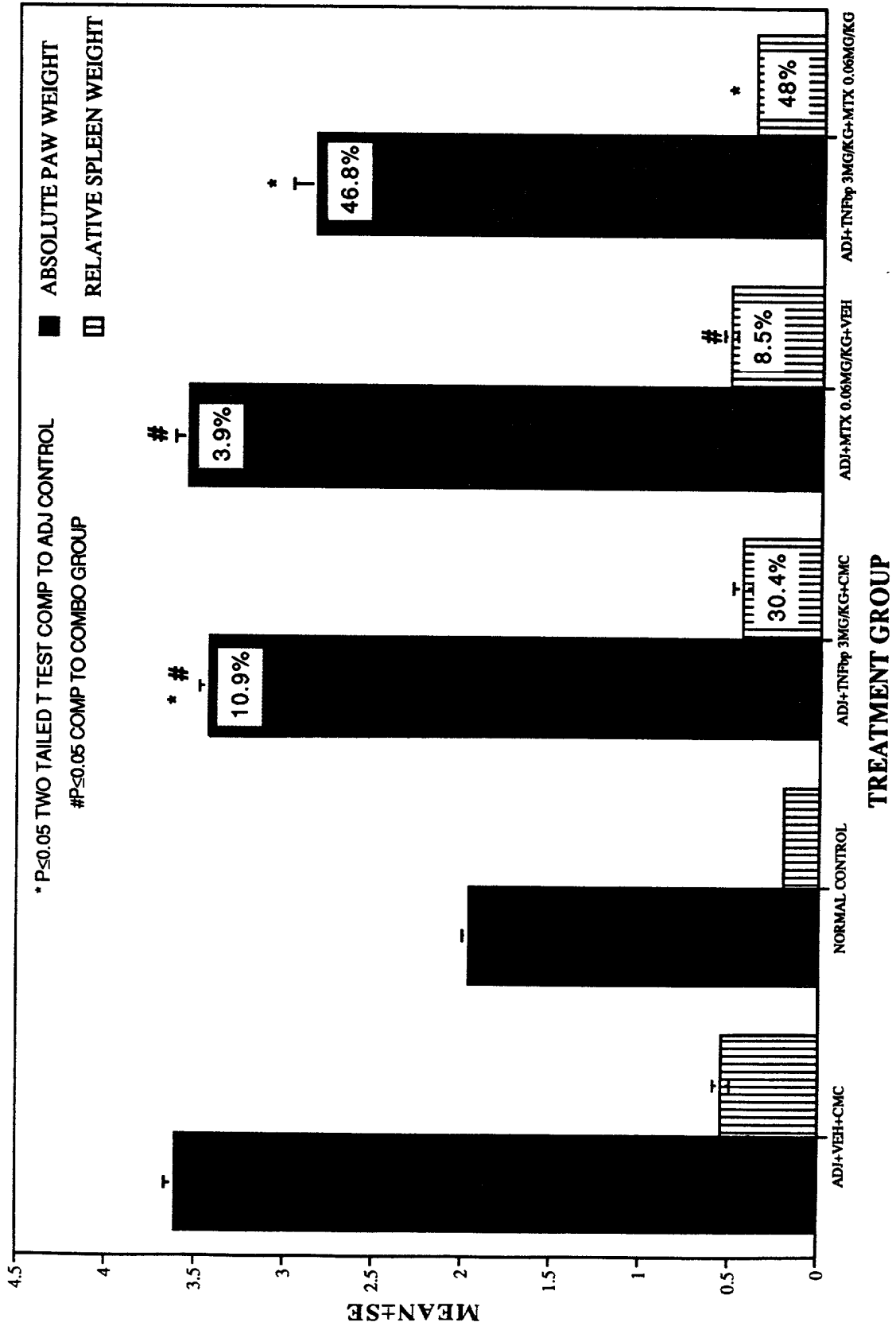


FIG. 6

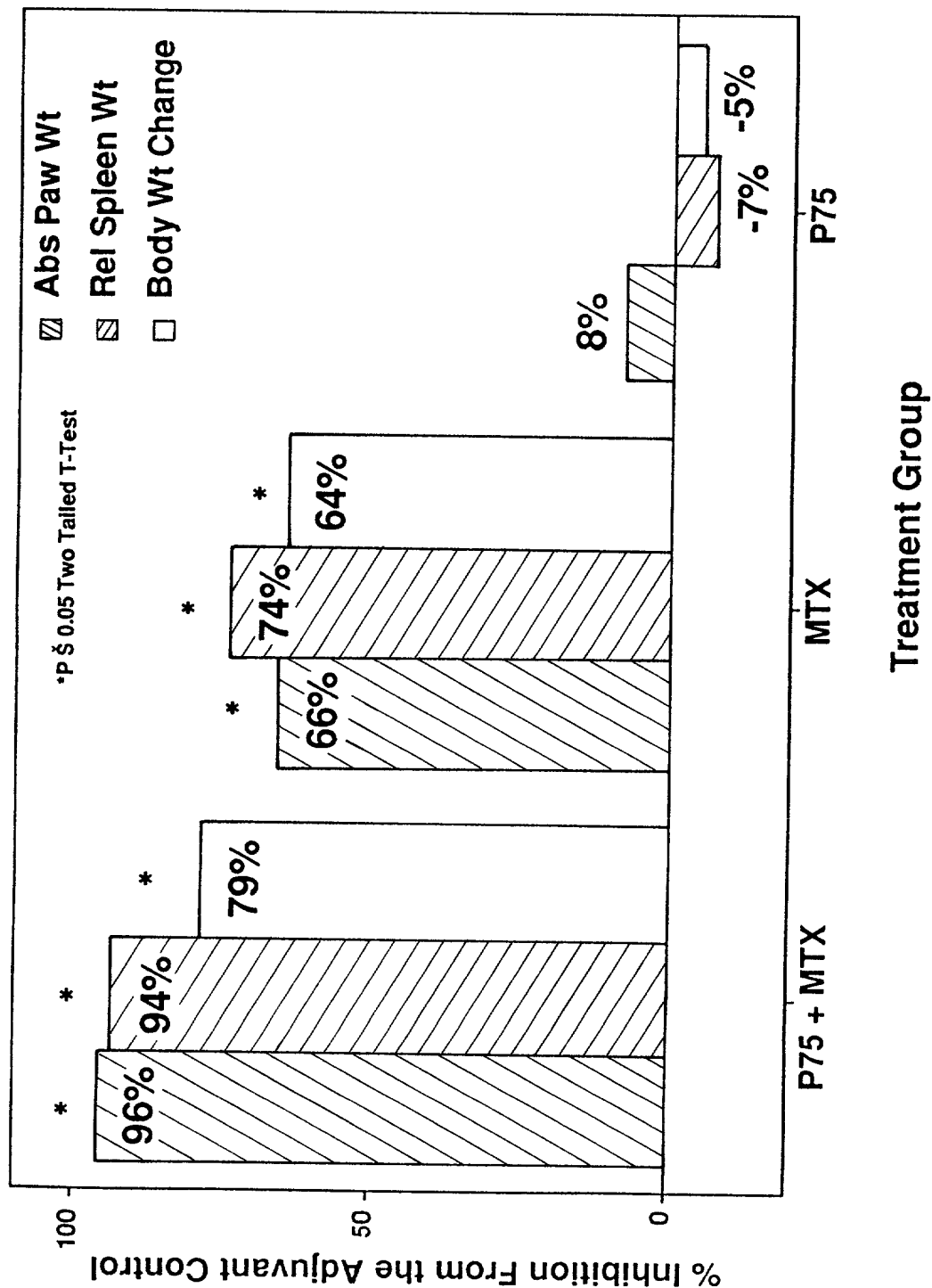


FIG. 7

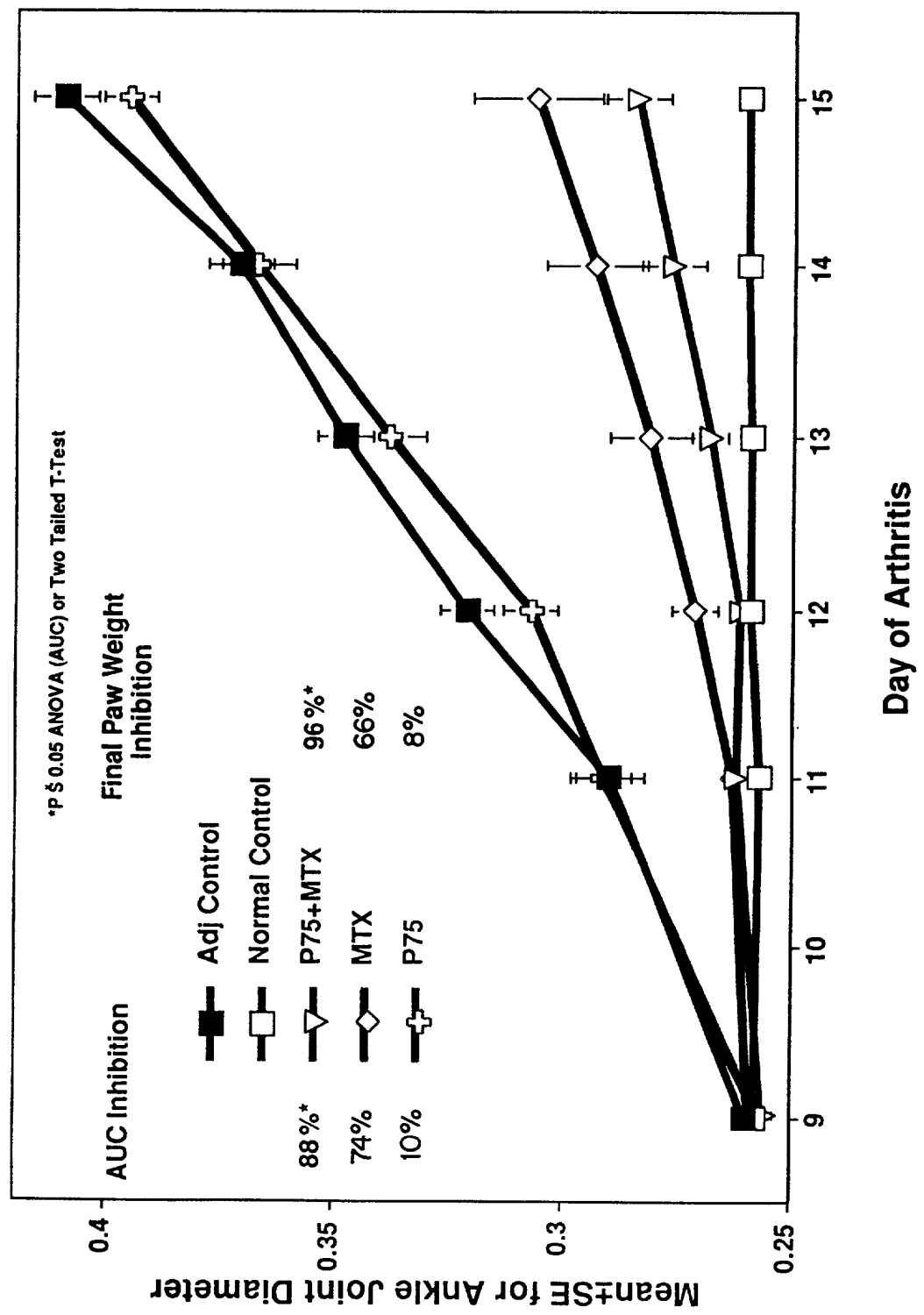


FIG. 8

